|  |  |
| --- | --- |
| Address of variable var1 : | 00EFFA94 |
| Address of variable var2 : | 00EFFA88 |
| Address of variable var3 : | 00EFFA4C |
| Address of pointer variable p1 : | 00EFFA7C |
| Address of pointer variable q1 : | 00EFFA70 |
| Address of pointer variable r1 : | 00EFFA64 |
| Value at location pointed by variable p1 : | 7 |
| Value at location pointed by variable q1 : | 7 |
| Value at location pointed by variable r1 : | 7 |
| Value at location pointed by variable g : | 00EFFA4C |
| Value at location pointed by the pointer that is pointed by g (i.e. contents of location indirectly pointed by g) : | 7 |
| Address of location pointed by the pointer that is pointed by g (i.e. contents of location indirectly pointed by g) : | 00EFFA4C |
| Address of pointer variable g : | 00EFFA58 |

**Following table filled with appropriate value.**

**Map Diagrams**

|  |
| --- |
| p1 |
| 00EFFA94 |
| 00EFFA7C |

|  |
| --- |
| var1 |
| 7 |
| 00EFFA94 |

|  |
| --- |
| q1 |
| 00EFFA88 |
| 00EFFA70 |

|  |
| --- |
| var2 |
| 7 |
| 00EFFA88 |

|  |
| --- |
| r1 |
| 00EFFA4C |
| 00EFFA64 |

|  |
| --- |
| var3 |
| 7 |
| 00EFFA4C |

|  |
| --- |
| g |
| 00EFFA64 |
| 00EFFA58 |

|  |
| --- |
| r1 |
| 00EFFA4C |
| 00EFFA64 |

|  |
| --- |
| var3 |
| 7 |
| 00EFFA4C |

**Console Output**

